

# TRANSMITTAL FORM

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Application Serial Number	09/738,614
Filing Date	December 15, 2000
First Named Inventor	Kaufman
Group Art Unit	1743
Examiner Name	Jeffrey R. Snay
Attorney Docket No.	MDS-013A
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><br><input type="checkbox"/> Petition for Extension of Time<br><br><input checked="" type="checkbox"/> Fifth Supplemental Information Disclosure Statement (3 pgs.)<br><input checked="" type="checkbox"/> Fifth Supplemental Form PTO-1449 (1 pg.)<br><input checked="" type="checkbox"/> Copies of IDS Citations (A180-A185, B19 and C23-C25)<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application<br><br><input type="checkbox"/> Formal Drawing(s)<br><br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> CD(s) for large table or computer program<br><br><input type="checkbox"/> Amendment After Allowance<br><br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><br><input type="checkbox"/> Appeal Brief (in triplicate)<br><br><input type="checkbox"/> Status Inquiry<br><br><input checked="" type="checkbox"/> Return Receipt Postcard<br><br><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|--|---|--|

## CORRESPONDENCE ADDRESS

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## SIGNATURE BLOCK

Date: April 22, 2004  
Reg. No.: 53,002  
Tel. No.: (617) 310-8427  
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Respectfully submitted,  
  
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Express Mail Mailing Label No. EV 375067865 US

PATENT  
Attorney Docket No. MDS-013A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Kaufman et al.  
SERIAL NO.: 09/738,614 GROUP NO.: 1743  
FILING DATE: December 15, 2000 EXAMINER: Jeffrey R. Snay  
TITLE: METHODS OF MONITORING EFFECTS OF CHEMICAL AGENTS  
ON A SAMPLE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

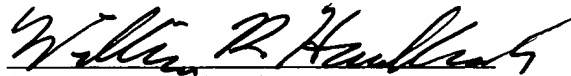
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that **[check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]**:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



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<b>FORM PTO - 1449</b>				<b>ATTORNEY DOCKET NO.: MDS-013A</b>					
<b>FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT(S): Kaufman <i>et al.</i></b>					
				<b>SERIAL NO.: 09/738,614</b>					
				<b>FILING DATE: December 15, 2000      GROUP: 1743</b>					
<b>U.S. PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>		
	A180	4,558,462	12/10/1985	Horiba <i>et al.</i>	382	42	08/31/1983		
	A181	4,515,165	05/07/1985	Carroll	128	664	09/15/1981		
	A182	4,641,352	02/03/1987	Fenster <i>et al.</i>	382	6	07/12/1984		
	A183	5,643,175	07/01/1997	Adair	600	133	02/05/1996		
	A184	6,083,487	07/04/2000	Biel <i>et al.</i>	424	9.6	08/25/1998		
	A185	6,187,289	02/13/2001	Richards-Kortum <i>et al.</i>	424	9.8	10/20/1998		
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG (Y/N)</b>
	B19	WO 00/57361	09/28/2000	PCT			3/17/00	N	Y
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
	C23	European Search Report for Pending European Patent No. 02 01 9837, January 14, 2004, 4 pgs.							
	C24	Noble et al., "Automated, Nonrigid Alignment of Clinical Myocardial Contrast Echocardiography Image Sequences: Comparison with Manual Alignment," <u>Ultrasound in Medicine and Biology</u> , Vol. 28, No. 1 (2002), pp. 115-123.							
	C25	Ko et al., "Multiresolution Registration of Coronary Artery Image Sequences," <u>Internal Journal of Medical Informatics</u> , Vol. 44 (1997), pp. 93-104.							
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>				

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